

C. Acceptance

Test the material as follows:

Test Method	Requirement
Percent Wear	AASHTO T96 ("A" Grading)
Sieve Analysis	AASHTO T 27
Material Passing No. 200 (75 µm) Sieve	AASHTO T 11
Durability Index	GDT 75
Maximum Dry Density	GDT 7 or GDT 24a, GDT 24b
Soundness (Magnesium Sulfate)	AASHTO T 104

D. Materials Warranty

General Provisions 101 through 150.

Section 813—Pond Sand

813.1 General Description

This section includes the requirements for pond sand.

813.1.01 Related References**A. Standard Specifications**

General Provisions 101 through 150.

B. Referenced Documents

GDT 4

GDT 6

GDT 7

GDT 67

AASHTO T 11 and AASHTO T 27

813.2 Materials**813.2.01 Pond Sand****A. Requirements**

Make pond sand exclusively of granular crushed stone fines, relatively free of silt balls, that meet these requirements:

Gradation	
Sieve Size	Percent Passing by Weight
4 in (100 mm)	100
1-1/2 in (37.5 mm)	90-100
No. 200 (75 µm)	0-35
Other Properties	
Maximum dry density	90 lb/ft ³ (1440 kg/m ³) (minimum)
Volume change	0-25%

B. Fabrication

General Provisions 101 through 150.

C. Acceptance

Test as follows:

Test	Method
Gradation	AASHTO T 11 and AASHTO T 27
Maximum dry density	GDT 7 or GDT 67
Volume change	GDT 6

D. Materials Warranty

General Provisions 101 through 150.

Section 814—Soil Base Materials

814.1 General Description

This section includes the requirements for soil base materials, including topsoil or sand-clay, soil-cement, sand for bituminous stabilization, and chert.

814.1.01 Related References**A. Standard Specifications**

Section 301 – Soil-Cement Construction

Section 800–Coarse Aggregate

Section 810–Roadway Materials

Section 831–Admixtures

B. Referenced Documents

AASHTO T 89

AASHTO T 90

GDT 4

GDT 6

GDT 7

GDT 65

GDT 67

814.2 Materials**814.2.01 Topsoil or Sand-Clay****A. Requirements**

1. Use topsoil or sand-clay that is a natural or artificial mixture of clay or soil binder with sand or other aggregate.
 - Do not use a mixture that contains substances detrimental to the material.
 - Obtain the materials from sources approved by the Engineer.
 - Ensure that the aggregate retained on No. 10 (2 mm) sieve (coarse aggregate) is of hard, durable particles.
2. Sand and Binder

Use hard, sharp, durable, siliceous particles. Use binder made from quality clay.